



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of: **Bahrs**

Serial No.: **09/431,429**

Filed: **October 29, 1999**

**For: Method and Apparatus in a Data
Processing System for
Specifying the Sequencing and
Mediation of Application Components**

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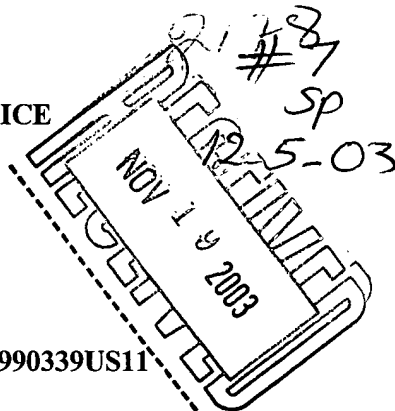
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Group Art Unit: **2178**

Examiner: **Paula, Cesar B.**

Attorney Docket No.: **AUS990339US11**



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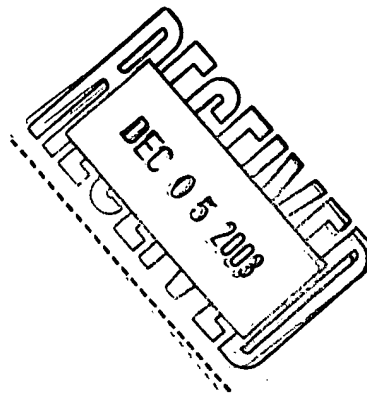
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Sir:

ENCLOSED HERewith:

- Supplemental Information Disclosure Statement;
- Form PTO-1449;
- References AN-AR and CX-DB; and
- Our return postcard.



No fees are believed to be necessary. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to Deposit Account No. 09-0447.

Respectfully submitted,

Duke W. Yee
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Registration No. 34,285

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ATTORNEY FOR APPLICANT



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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97**

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

Please charge any fees necessary for prosecution of the present application to Deposit Account No. 09-0447. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 09-0447.

In accordance with 37 C.F.R. 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical

background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made.

This Supplemental Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee is required.

Respectfully submitted,



Date: November 3, 2003

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| | APPLICANT Bahrs | |
| | FILING DATE October 29, 1999 | GROUP ART UNIT 2178 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | PUBLICATION DATE | INVENTOR NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|-----------------|---------------------|-----------------|--------------------|----------------|
| | AA 5,973,702 | Oct. 26, 1999 | Orton et al. | 345/433 | Jun. 7, 1995 |
| | AB 6,202,207 B1 | Mar. 13, 2001 | Donohue | 717/11 | Aug. 19, 1998 |
| | AC 6,442,754 B1 | Aug. 27, 2002 | Curtis | 717/175 | Mar. 29, 1999 |
| | AD 6,425,126 B1 | Jul. 23, 2002 | Branson et al. | 717/168 | May 19, 1999 |
| | AE 6,493,871 B1 | Dec. 10, 2002 | McGuire et al. | 717/173 | Sep. 16, 1999 |
| | AF 6,115,646 | Sep. 5, 2000 | Fizman et al. | 700/181 | Dec. 18, 1997 |
| | AG 6,330,659 B1 | Dec. 11, 2001 | Poff et al. | 712/34 | Nov. 6, 1997 |
| | AH 6,175,364 B1 | Jan. 16, 2001 | Wong et al. | 345/340 | Apr. 1, 1997 |
| | AI 6,169,546 B1 | Jan. 2, 2001 | Bogdan | 345/339 | Apr. 1, 1998 |
| | AJ 6,064,382 | May 16, 2000 | Diedrich et al. | 345/335 | Nov. 19, 1997 |
| | AK 6,208,994 B1 | Mar. 27, 2001 | Abdelnur | 707/103 | Jun. 11, 1998 |
| | AL 6,469,714 B2 | Oct. 22, 2002 | Buxton et al. | 345/762 | Dec. 29, 1998 |
| | AM 6,556,218 B1 | Apr. 29, 2003 | Alcorn | 345/749 | Dec. 10, 1998 |

OTHER PRIOR ART (including author, title, date, pertinent page, etc.)

| | |
|----|---|
| AN | Lemay et al., "Laura Lemay's Web Workshop JavaScript", Sams.net, 1996, pp. 132-137. |
| AO | Vanhelsuwe, "Mastering JavaBeans", Sybex, 1997, chapter 3. |
| AP | Zukowski, "Mastering Java 2", Sybex, 1998, chapters 12, 14, 22. |
| AQ | Weber, "Advanced JFC", QUE, 1998, chapter 24. |
| AR | IBM TDB, "Sequencing Event Handlers in Java", Vol. 24, No. 423, July 1999. |

RELATED PATENT APPLICATIONS

| EXAMINER INITIAL | APPLICATION NO./ ATTY. DOCKET NO. | APPLICANT | TITLE | FILING DATE |
|---------------------|--------------------------------------|-----------|-------|----------------|
| | | | | |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | PUBLICATION DATE | INVENTOR NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|-----------------|---------------------|----------------------|--------------------|----------------|
| | AS 6,185,590 B1 | Feb. 6, 2001 | Klein | 707/526 | Oct. 15, 1997 |
| | AT 6,237,011 B1 | May 22, 2001 | Ferguson et al. | 707/515 | Oct. 8, 1997 |
| | AU 6,085,120 | Jul. 4, 2000 | Schwerdtfeger et al. | 700/90 | Nov. 17, 1997 |
| | AV 6,275,228 B1 | Aug. 14, 2001 | Cataudella | 345/339 | Dec. 14, 1998 |
| | AW 5,983,348 | Nov. 9, 1999 | Ji | 713/200 | Sep. 10, 1997 |
| | AX 6,023,271 | Feb. 8, 2000 | Quaeler-Bock et al. | 345/335 | Jun. 11, 1998 |
| | AY 5,724,589 | Mar. 3, 1998 | Wold | 395/701 | Oct. 13, 1995 |
| | AZ 6,438,617 B1 | Aug. 20, 2002 | Savitsky et al. | 709/316 | Jan. 21, 1999 |
| | BA 6,335,741 B1 | Jan. 1, 2002 | Nock | 345/764 | Jan. 6, 1999 |
| | BB 5,704,029 | Dec. 30, 1997 | Wright, Jr. | 395/149 | May 23, 1994 |
| | BC 5,566,330 | Oct. 15, 1996 | Sheffield | 395/600 | Feb. 23, 1995 |
| | BD 5,752,018 | May 12, 1998 | Sheffield | 395/602 | May 22, 1996 |
| | BE 6,148,306 | Nov. 14, 2000 | Seidl et al. | 707/104 | May 28, 1998 |
| | BF 6,208,339 B1 | Mar. 27, 2001 | Atlas et al. | 345/338 | Jun. 19, 1998 |
| | BG 6,185,583 B1 | Feb. 6, 2001 | Blando | 707/507 | Nov. 30, 1998 |
| | BH 6,167,523 | Dec. 26, 2000 | Strong | 713/201 | May 5, 1997 |
| | BI 6,029,182 | Feb. 22, 2000 | Nehab et al. | 707/523 | Oct. 4, 1996 |
| | BJ 6,091,411 | Jul. 18, 2000 | Straub et al. | 345/333 | Dec. 7, 1998 |
| | BK 6,275,232 B1 | Aug. 14, 2001 | Cataudella et al. | 345/349 | Dec. 14, 1998 |

OTHER PRIOR ART (including author, title, date, pertinent page, etc.)

RELATED PATENT APPLICATIONS

| EXAMINER INITIAL | APPLICATION NO./ ATTY. DOCKET NO. | APPLICANT | TITLE | FILING DATE |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | PUBLICATION DATE | INVENTOR NAME | CLASS/SUBCLASS | FILING DATE |
|------------------|-----------------|------------------|-------------------|----------------|---------------|
| | BL 5,408,650 | Apr. 18, 1995 | Arsenault | 395/575 | Jun. 29, 1993 |
| | BM 5,835,914 | Nov. 10, 1998 | Brim | 707/206 | Feb. 18, 1997 |
| | BN 5,805,892 | Sep. 8, 1998 | Nakajima | 395/704 | Sep. 13, 1995 |
| | BO 6,134,676 | Oct. 17, 2000 | VanHuben et al. | 714/39 | Apr. 30, 1998 |
| | BP 6,272,641 B1 | Aug. 7, 2001 | Ji | 713/201 | Nov. 9, 1999 |
| | BQ 6,457,142 B1 | Sep. 24, 2002 | Klemm et al. | 714/38 | Oct. 29, 1999 |
| | BR 6,611,498 B1 | Aug. 26, 2003 | Baker et al. | 370/252 | Sep. 24, 1998 |
| | BS 5,408,659 | Apr. 18, 1995 | Cavendish et al. | 395/650 | Mar. 5, 1992 |
| | BT 6,211,872 B1 | Apr. 3, 2001 | Matsutsuka et al. | 345/339 | Oct. 19, 1998 |
| | BU 6,590,594 B2 | Jul. 8, 2003 | Bates et al. | 345/784 | Mar. 25, 1999 |
| | BV 6,560,770 B1 | May 6, 2003 | Saxena et al. | 717/107 | May 25, 1999 |
| | BW 5,761,509 | Jun. 2, 1998 | Danforth et al. | 395/701 | Feb. 13, 1997 |
| | BX 6,054,996 | Apr. 25, 2000 | Bardon et al. | 345/433 | Nov. 20, 1996 |
| | BY 5,675,755 | Oct. 7, 1997 | Trueblood | 395/346 | Jun. 7, 1995 |
| | BZ 4,649,473 | Mar. 10, 1987 | Hammer et al. | 364/200 | Jun. 17, 1985 |
| | CA 5,317,746 | May 31, 1994 | Watanabe | 395/700 | Jun. 2, 1992 |
| | CB 5,369,778 | Nov. 29, 1994 | San Soucie et al. | 395/800 | Sep. 27, 1993 |
| | CC 5,396,630 | Mar. 7, 1995 | Banda et al. | 395/700 | Oct. 6, 1992 |
| | CD 5,634,124 | May 27, 1997 | Khoyi et al. | 395/614 | May 25, 1995 |
| | CE 6,182,154 B1 | Jan. 30, 2001 | Campagnoni et al. | 709/315 | Apr. 7, 1997 |

RELATED PATENT APPLICATIONS

| EXAMINER INITIAL | APPLICATION NO./ ATTY. DOCKET NO. | APPLICANT | TITLE | FILING DATE |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | PUBLICATION DATE | INVENTOR NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|-----------------|---------------------|-------------------|--------------------|----------------|
| | CF 6,295,553 B1 | Sep. 25, 2001 | Gilbertson et al. | 709/207 | Dec. 22, 1998 |
| | CG 6,615,258 B1 | Sep. 2, 2003 | Barry et al. | 709/223 | Sep. 24, 1998 |
| | CH 6,177,936 B1 | Jan. 23, 2001 | Cragun | 345/340 | Aug. 20, 1998 |
| | CI 5,233,686 | Aug. 3, 1993 | Rickenbach et al. | 395/158 | Sep. 24, 1991 |
| | CJ 5,317,741 | May 31, 1994 | Schwanke | 395/700 | May 10, 1991 |
| | CK 5,438,676 | Aug. 1, 1995 | Schwanke | 395/650 | Jun. 4, 1993 |
| | CL 5,560,014 | Sep. 24, 1996 | Imamura | 395/700 | Mar. 27, 1995 |
| | CM 5,758,152 | May 26, 1998 | LeTourneau | 395/613 | Dec. 6, 1990 |
| | CN 5,787,431 | Jul. 28, 1998 | Shaughnessy | 707/100 | Dec. 16, 1996 |
| | CO 5,812,849 | Sep. 22, 1998 | Nykiel et al. | 395/701 | Dec. 18, 1996 |
| | CP 5,974,428 | Oct. 26, 1999 | Gerard et al. | 707/203 | Aug. 29, 1997 |
| | CQ 6,002,874 | Dec. 14, 1999 | Bahrs et al. | 395/705 | Dec. 22, 1997 |
| | CR 6,003,042 | Dec. 14, 1999 | Melahn | 707/203 | Sep. 30, 1997 |
| | CS 6,026,413 | Feb. 15, 2000 | Challenger et al. | 707/202 | Aug. 1, 1997 |
| | CT 6,035,303 | Mar. 7, 2000 | Baer et al. | 707/103 | Feb. 2, 1998 |
| | CU 6,112,024 | Aug. 29, 2000 | Almond et al. | 395/703 | Oct. 2, 1996 |
| | CV 6,054,985 | Apr. 25, 2000 | Morgan et al. | 345/342 | Jan. 27, 1997 |
| | CW 5,819,055 | Oct. 6, 1998 | MacLean et al. | 395/342 | Dec. 13, 1994 |

OTHER PRIOR ART (including author, title, date, pertinent page, etc.)

| | |
|----|---|
| CX | Bryant et al., "Automatic Parallelization of Object-Oriented Programming Languages Using Tuple Space", ACM pp. 89-96, 1995. |
| CY | Hadjerrouit, "A Constructivist Approach to Object-Oriented Design and Programming", ITICSE ACM, pp. 171-174, Feb. 1999. |
| CZ | Jarvinen et al., "Object-Oriented Specification of Reactive Systems", IEEE, pp. 63-71, 1990. |
| DA | McDonald et al., "Painting Multiple View of Complex Objects", 1990, ACM, 245-257. |
| DB | Grundy et al., "Support for Constructing Environments with Multiple View", 1996, ACM, pp. 212-216. |

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|------------------|-----------------|------------------|-----------------|----------------|---------------|
| | DC 5,710,920 | Jan. 20, 1998 | Maruyama et al. | 395/614 | Dec. 23, 1994 |
| | DD 5,892,510 | Apr. 6, 1999 | Lau et al. | 345/333 | Jul. 2, 1996 |
| | DE 6,249,284 B1 | Jun. 19, 2001 | Bogdan | 345/357 | Apr. 1, 1998 |
| | DF 6,307,571 B2 | Oct. 23, 2001 | Mozdzer et al. | 345/762 | Mar. 15, 2001 |
| | DG 5,926,177 | Jul. 20, 1999 | Hatanaka et al. | 345/340 | Oct. 17, 1997 |
| | DH 6,355,741 B1 | Mar. 12, 2002 | Marechal | 526/64 | Sep. 11, 2000 |
| | DI 2002/0109734 | Aug. 15, 2002 | Umezu et al. | 345/846 | Oct. 25, 2001 |
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